PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:	
James A. Proctor Jr.	
Application No.: 10/634,148	Our File: TAN-2-1407.02.US
Confirmation No.: 5101	Date: November 15, 2006
Filed: August 4, 2003	
For: FORWARD ERROR CORRECTION SCHEME FOR HIGH RATE DATA EXCHANGE IN A WIRELESS SYSTEM	
Group: 2618	
Examiner: Edan Orgad	

INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (*). Copies of the cited documents are enclosed.

Pursuant to 37 C.F.R. § 1.97(e)(2), the undersigned certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counter part foreign application, and, to the knowledge of the person signing the certification, after making reasonable

inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

James A. Proctor Jr.

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JCD/mes
Enclosure

SUBSTITUTE FORM PTO-1449A LIST OF PATENTS AND APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Atty Docket: Serial No.: Applicant: Filing Date: Group:	TAN-2-1407.02.US 10/634,148 Proctor, Jr. August 4, 2003

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
	AA	5,442,625	8/15/95	Gitlin et al.	370	18	
	AB	5,734,646	3/31/98	I et al.	370	335	
	AC	5,373,502	12/13/94	Turban	370	18	
	AD	6,069,883	5/30/00	Ejzak et al.	370	335	
	AE	6,088,335	7/11/00	I et al.	370	252	
	AF	5,856,971	1/5/99	Gitlin et al.	370	335	
	AG	6,418,148	7/9/02	Kumar et al.	370	468	
	AH	5,859,840	1/12/99	Tiedemann, Jr. et al.	370	335	
	AI	5,930,230	7/27/99	Odenwalder at al.	370	208	
	AJ	5,914,950	6/22/99	Tiedemann, Jr. et al.	370	348	
	AK	6,396,804	5/28/02	Odenwalder	370	209	
	AL	6,574,211	6/3/03	Padovani et al.	370	347	
	AM	6,389,000	5/14/02	Jou	370	342	
	AN	6,377,809	4/23/02	Rezaiifar et al.	455	455	
	AO	6,005,855	12/21/99	Zehavi et al.	370	335	
	AP	6,064,678	5/16/00	Sindhushayana et al.	370	470	
	AQ	5,790,551	8/4/98	Chan	370	458	
	AR	5,828,662	10/27/98	Jalali et al.	370	335	
	AS	6,269,088	7/31/01	Masui et al.	370	335	
	AT	5,923,650	7/13/99	Chen et al.	370	331	
	AU	5,663,990	9/2/97	Bolgiano et al.	375	347	
	AV	5,673,259	9/30/97	Quick, Jr.	370	342	
	AW	5,784,406	7/21/98	DeJaco et al.	375	224	
	AX	5,828,659	10/27/98	Teder et al.	370	328	
	AY	5,844,894	12/1/98	Dent	370	330	
	AZ	5,910,945	6/8/99	Garrison et al.	370	324	
	BA	5,950,131	9/7/99	Vilmur	455	434	
	BB	5,991,279	11/23/99	Haugli et al.	370	311	

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U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
	BC	6,028,868	2/22/00	Yeung et al.	370	515	
	BD	6,078,572	6/20/00	Tanno et al.	370	335	
	BE	6,112,092	8/29/00	Benveniste	455	450	
	BF	6,134,233	10/17/00	Kay	370	350	
	BG	6,157,619	12/5/00	Ozluturk et al.	370	252	
	BH	6,161,013	12/12/00	Anderson et al.	455	435	
	BI	6,196,362	2/27/01	Darcie et al.	370	431	
	BJ	6,208,871	3/27/01	Hall et al.	455	517	
	BK	6,215,798	4/10/01	Carneheim et al.	370	515	
	BL	6,222,828	4/24/01	Ohlson et al.	370	320	
	BM	6,243,372	6/5/01	Petch et al.	370	350	
	BM	6,259,683	7/10/01	Sekine et al.	370	328	
	BO	6,262,980	7/17/01	Leung et al.	370	336	
	BP	6,272,168	8/7/01	Lomp et al.	375	206	
	BQ	6,285,665	9/4/01	Chuah	370	319	
	BR	6,307,840	10/23/01	Wheatley, III et al.	370	252	
	BS	6,366,570	4/2/02	Bhagalia	370	342	
	BT	6,373,830	4/16/02	Ozluturk	370	335	
	BU	6,373,834	4/16/02	Lundh et al.	370	350	
	BV	6,377,548	4/23/02	Chuah	370	233	
	BW	6,456,608	9/24/02	Lomp	370	335	
	BX	6,469,991	10/22/02	Chuah	370	329	
	BY	6,473,623	10/29/02	Benveniste	455	522	
	BZ	6,504,830	1/7/03	Östberg et al.	370	342	
	CA	6,519,651	2/11/03	Dillon	709	250	
	CB	6,526,039	2/25/03	Dahlman et al.	370	350	
	CC	6,532,365	3/11/03	Anderson et al.	455	437	

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Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
	CD	6,545,986	4/8/03	Stellakis	370	318	
	CE	6,567,416	5/20/03	Chuah	370	418	
	CF	6,571,296	5/27/03	Dillon	709	250	
	CG	6,570,865	5/27/03	Masui et al.	370	342	
	CH	6,597,913	7/22/03	Natarajan	455	452	
	CI						
	CJ						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	CK	Chih-Lin I et al., Multi-Code CDMA Wireless Personal Communications Networks, June 18, 1005
	CL	Chih-Lin I et al., IS-95 Enhancements for Multimedia Services, Bell Labs Technical Journal, Pages 60-87, Autumn 1996
	CM	Chih-Lin I et al., Performance of Multi-Code CDMA Wireless Personal Communications Networks, July 25, 1995
	CN	Liu et al., Channel Access and Interference Issues in Multi-Code DS-CDMA Wireless Packet (ATM) Networks, Wireless Networks 2, Pages 173-196, 1996
	CO	Chih-Lin I et al., Load and Interference Based Demand Assignment (LIDA) for Integrated Services in CDMA Wireless Systems, November 18, 1996, Pages 235-241
	CP	Budka et al., Cellular Digital Packet Data Networks, Bell Labs Technical Journal, Summer 1997, Pages 164-181
	CQ	Cellular Digital Packet Data, System Specification, Release 1.1, January 19, 1995
	CR	Data Standard, Packet Data Section, PN-3676.5 (to be published as TIA/EIA/IS-DATA.5), December 8, 1996, Version 02 (Content Revision 03)
	CS	Data Service Options for Wideband Spread Spectrum Systems: Introduction, PN-3676. 1 (to be published as TIA/EIA/IS-707.1), March 20, 1997 (Content Revision 1)
	CT	Packet Data Service Option Standard for Wideband Spread Spectrum Systems, TIA/EIA Interim Standard, TIA/EIA/IS-657, July 1996
	CU	Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System, TIA Interim Standard, TIA/EIA/IS-95-A (Addendum to TIA/EIA/IS-95), May 1995
	CV	Mobile Station-Base Station Compatibility Standard for Wideband Spread Spectrum Cellular Systems, TIA/EIA Standard, TIA/EIA-95-B (Upgrade and Revision of TIA/EIA-95-A), March 1999

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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
	CW	Network Wireless Systems Offer Business Unit (NWS OBU), Feature Definition Document for Code Division Multiple Access (CDMA) Packet Mode Data Services, FDD-1444, November 26, 1996
	CX	Draft Text for "95C" Physical Layer (Revision 4), Part 2, Document #531-981-20814-95C, part 2 on 3GGP2 website (ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%202.pdf, 1998)
	CY	Draft Text for "*95C" Physical Layer (Revision 4), Part 1, Document #531-981-20814-95C, Part 1 on 3GPP2 website (ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%201.pdf)
	CZ	Reed et al., Iterative Multiuser Detection for CDMA with FEC: Near-Single-User Performance, IEEE Transactions on Communications, Vol. 46, No. 12, December 1998, Pages 1693-1699
	DA	Hindelang et al., Using Powerful "Turbo" Codes for 14.4 Kbit/s Data Service in GSM or PCS Systems, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1997, Vol. II, Pages 649-653
	DB	Kaiser et al., Multi-Carrier CDMA with Iterative Decoding and Soft-Interference Cancellation, Proceedings of Globecom 1997, Vol. 1, Pages 523-529
	DC	Wang et al., The Performance of Turbo-Codes in Asynchronous DS-CDMA, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1007, Gol. III, Pages 1548-1551
	DD	Hall et al., Design and Analysis of Turbo Codes on Rayleigh Fading Channels, IEEE Journal on Selected Areas in Communications, Vol. 16, No. 2, February 1998, Pages 160-174
	DE	High Data Rate (HDR) Solution, Qualcomm, December 1998
	DF	Azad et al., Multirate Spread Spectrum Direct Sequence CDMA Techniques, 1994, The Institute of Electrical Engineers
	DG	Ejzak et al., Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, Revision 0.1, May 5, 1997
	DH	Knisely, Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, January 16, 1997
	DI	Kumar et al, An Access Scheme for High Speed Packet Data Service on IS-95 based CDMA, February 11, 1997
	DJ	Ejzak et al., Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, April 14, 1997
	DK	Lucent Technologies Presentation First Slide Titled, Summary of Multi-Channel Signaling Protocol, April 6, 1997
	DL	Lucent Technologies Presentation First Slide Titled, Why Support Symmetric HSD (Phase 1C), February 21, 1997

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		OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
	DM	Krzymien et al., Rapid Acquisition Algorithms for Synchronization of Bursty Transmissions in CDMA Microcellular and Personal Wireless Systems, IEEE Journal on Selected Areas in Communications, Vol. 14, No. 3, April 1996, Pages 570-579
	DN	Chih-Lin I et al., Variable Spreading Gain CDMA with Adaptive Control for True Packet Switching Wireless Network, 1995, Pages 725-730
	DO	Skinner et al., Performance of Reverse-Link Packet Transmission in Mobile Cellular CDMA Networks, IEEE, 2001, Pages 1019-1023
	DP	Lau et al., A Channel-State-Dependent Bandwidth Allocation scheme for Integrated Isochronous and Bursty Media Data in a Cellular Mobile Information System, IEEE, 2000, Pages 524-528
	DQ	Elhakeem, Congestion Control in Signalling Free Hybrid ATM/CDMA Satellite Network, IEEE, 1995, Pages 783-787
	DR	Chung, Packet Synchronization and Identification for Incremental Redundancy Transmission in FH-CDMA Systems, 1992, IEEE, Pages 292-295
	DS	High Data Rate (HDR), cdmaOne optimized for high speed, high capacity data, Wireless Infrastructure, Qualcomm, September 1998
	DT	Viterbi, The Path to Next Generation Services with CDMA, Qualcomm Incorporated, 1998 CDMA Americas Congress, Los Angeles, California, November 19, 1998
*	DU	TS-25.211 V2.0.0 (1999-04) 3GPP, TSG, RAN, WG1 Physical channels and mapping of transport channels onto physical...
*	DV	TS 25.212 V1.0.0 (1999-04) 3GPP, TSG, RAN, WG1 Multiplexing and channel coding.
*	DW	TS 25.213 V2.0.0 (1999-4) 3GPP; TSG, RAN, WG1, Spreading and modulation. (FDD).
	DX	
	DY	

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